

**For: MULTI-FREQUENCY BORING TOOL LOCATING
SYSTEM AND METHOD**

) Examiner: **Darrell D. Kinder**
)
) Art Unit: **2862**
)
) Attorney Docket: **DCI-17CIP1C**
)
) Date: **April 10, 2004**

Signed:

Day R Beyer

Sir:

Enclosed is a form 1449 including references cited in the parent application serial number 10/007,351 filed **November 7, 2001** associated with this application. Copies of the references cited in the parent application may be found in the parent application. It is respectfully requested that the cited documents be considered and that the enclosed copies of the forms be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

 X 37 C.F.R. §1.97(b).
 37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:
 A certification pursuant to 37 C.F.R. §1.97(e) or
 A check for \$ for the fee under 37 C.F.R. § 1.17(p).
 37 C.F.R. §1.97(d). If so, then enclosed with this Information Disclosure Statement are the following:
(1) A certification pursuant to 37 C.F.R. §1.97(e);
(2) A petition requesting consideration of the Information Disclosure Statement; and
(3) A check for \$ for the fee under 37 C.F.R. §1.17(i) for submission of the
Information Disclosure Statement.

If there are any additional charges, please charge Deposit Account No. 19-1685 (Order No. **DCI-17CIP1C**).

~~Respectfully submitted,~~

Way R Beyer

Registration No. 39,907

Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty Docket No. DCI-P017CIP1C	Serial No.: Not Yet Assigned
	Applicants: Guenter W. Brune et al	
	Filing Date April 10, 2004	Group 2862

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A	3,226,633	12/1965	Schneider			
	B	4,451,789	5/1984	Meador			
	C	4,710,708	12/1/87	Rorden et al			
	D	4,845,433	7/1989	Kleinberg et al			
	E	4,933,640	6/1990	Kuckes			
	F	5,019,822	5/1991	Kirkland			
	G	5,119,028	6/1992	Mooney et al			
	H	5,157,605	10/1992	Chandler et al			
	I	5,264,795	11/1993	Rider			
	J	5,337,002	8/9/94	Mercer			
	K	5,361,029	11/1994	Rider et al			
	L	5,585,726	12/1996	Chau			
	M	5,654,638	8/1997	Shoemaker			
	N	5,907,242	5/1999	Gard			
	O	5,917,325	6/1999	Smith			
	P	6,014,026	1/2000	Mercer			
	Q	US6,285,190B1	9/2001	Brune et al			

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	R							

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	S	J. R. Wait and L. L. Campbell, The Fields of an Oscillating Magnetic Dipole Immersed in a Semi-Infinite Conducting Medium, June 1953, Journal of Geophysical Research, V 58, No 2, pp 167-178
	T	H. K. Sacks, Electromagnetic Technique for locating Boreholes, Report of Investigations 8302, 1978, US Dept of the Interior, pp 1-14,
	U	Radiodetection Limited, Monitoring the Progress of Horizontal Boring Tools, April 1990, Radiodetection Limited. technical specifications sheet
	V	
	W	
	X	
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.